

Denny E. Frost
DEPUTY OIL & GAS INSPECTOR

JUN 23 1998

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

Approved

Operator: Phillips Petroleum (Williams Field Services) Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: SJ 30-5 # 61 (85916)
Location: Unit or Qtr/Qtr Sec A Sec 15 T 30 R 5 County Rio Arriba
PitType Dehydrator
LandType: State

Pit Location: Pit dimensions: length 28 ft., width 20 ft., depth 12 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 98 ft.

Direction from reference: 60 Degrees East of North

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 points) 0
high water elevation of
ground water)

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MAR 30 1998

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private No (0 points) 0
domestic water source, or: less than
1000 feet from all other water sources)

OIL CON. DIV.
DIST. 2

Distance To Surface Water: Less than 200 feet (20 points)
(Horizontal distance to perennial 200 feet to 1,000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1,000 feet (0 points) 0
irrigation canals and ditches)

Ranking Score (TOTAL POINTS): 0

Date Remediation Started: 10/21/97

Date Completed: 10/21/97

Remediation Method: Excavation ☒

Approx. Cubic Yard 249

(check all appropriate sections)

Landfarmed ☒Insitu Bioremediation ☐

Other Landfarmed soil after mechanical aeration.

Remediation Location: Onsite ☒ Offsite

(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action:

The pit was excavated to remove gross petroleum contamination. The excavated material was mechanically aerated and placed into an onsite landfarm.

Ground Water Encountered: 0

Final Pit:

Sample location SJ 30-5 # 61-V-EXFL-01

Closure Sampling:

(if multiple samples, attach sample results and diagram of sample locations and depths)

Two samples were collected, one sample from the excavation bottom and the second sample was made up of 4 points from each excavation wall.

Sample depth 12 FEET

Sample date 10/22/97

Sample time 17:41

Sample Result

Benzene (ppm) <0.10

Total BTEX (ppm) <0.40

Field Headspace (ppm)

TPH (ppm) <2.0

Ground Water Sample: 0

I HERBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 3/6/98

SIGNATURE

PRINTED NAME Mark Harvey for Williams Field Services
AND TITLE

PIT RETIREMENT FORM

85916

Weather SUNNY 70's

Date: 10-21-97

Well Name SJ 30-5 #61 Operator PHILLIPS

Sec. 15 T 30 R 5 UL A

Land Type: BLM STATE FEE INDIAN

County RIO ARriba

One Call Made (505-765-1234)? (Y) N

Line Marking Evident? (Y) N

Pit Location:

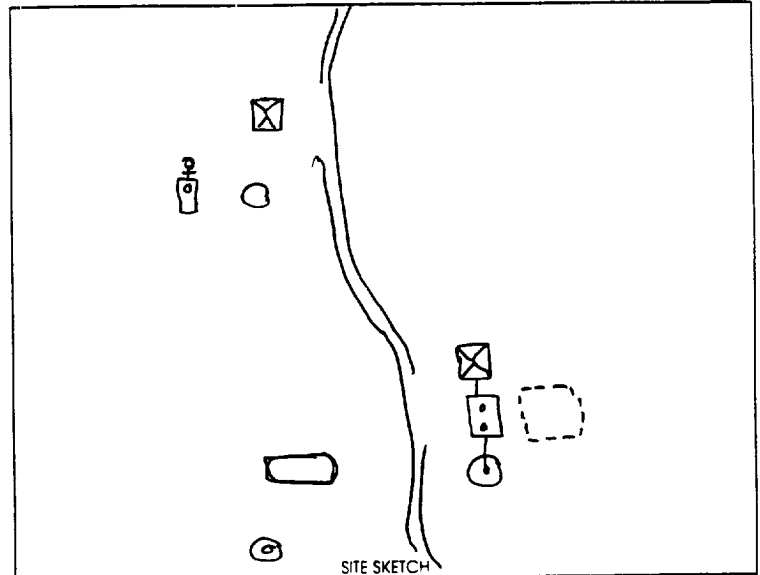
Reference Wellhead x Other _____

Distance from: 90'

Direction: 60 Degrees x E N x
of
_____ W S _____

Starting Pit Dimensions: 15 x 15 x 2

Final Pit Dimensions: 20 x 20 x 12



Organic Vapor Readings: Start _____
@ 2' _____
@ 4' _____
@ 6' _____
@ 8' _____
@ 10' _____
@ 12' _____

Soil Description: ROCKY CLAY

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE

Arroyo, Wash, Lake, Stream NONE

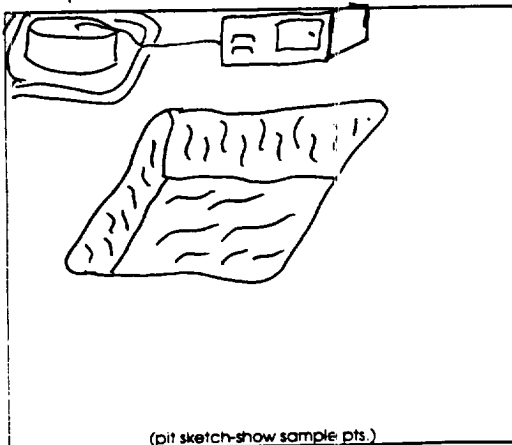
Estimated or Known Distance to Ground Water > 100'

Source of Backfill (if other than processed material) _____

Samples collected: Type Progress: Verification ID SJ 30-5 #61-V-EXWA-01 (soil) / water
Progress: Verification ID SJ 30-5 #61-V-EXFL-01 (soil) / water
Progress: Verification: ID _____ soil / water

Sample sent to Lab Via Courier

Hand Carried Other _____ Preservative: ICE Other _____



Comments: SITE HAD MODERATE ODOR AND SLIGHT STAINING - SITE CONSISTS OF ROCKY CLAY- SOIL LAND FARMED ON SITE-

Soil Shipped to: ON SITE LAND FARM

Prepared by: M. J. M. J.



ORGANIC ANALYSIS REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Services
Date Sampled: October 22, 1997
Date Received: October 29, 1997

Contact: Mark Harvey
Date Extracted: October 30, 1997
Date Analyzed: October 30, 1997

Analysis Requested:
Volatile Aromatics
Total Petroleum Hydrocarbons

Method Ref. Number:
SW-846 #8020/8015 modified
(Extraction-Sequential GC/PID-FID)

Field Sample ID:
JICARILLA PIT REMEDIATION
SJ 30-5 #61-V-EXWA-01/85916/17:34

Lab Sample ID:
L31287-9

Analytical Results

BTX/TPH-E

Units = mg/kg(ppm)

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687

<u>Compound:</u>	<u>Reporting Limit:</u>	<u>Amount Detected:</u>
Benzene	0.10	< 0.10
Toluene	0.10	< 0.10
Ethylbenzene	0.10	< 0.10
Total Xylene	0.10	< 0.10
Total Petroleum Hydrocarbons	2.0	< 2.0

% Moisture

9.0%

* All compounds are reported on a dry weight basis.

Released By: 

Laboratory Supervisor

Report Date: November 03, 1997

1 of 1



ORGANIC ANALYSIS REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Services
Date Sampled: October 22, 1997
Date Received: October 29, 1997

Contact: Mark Harvey
Date Extracted: October 30, 1997
Date Analyzed: October 30, 1997

Analysis Requested:
Volatile Aromatics
Total Petroleum Hydrocarbons

Method Ref. Number:
SW-846 #8020/8015 modified
(Extraction-Sequential GC/PID-FID)

Field Sample ID:
JICARILLA PIT REMEDIATION
SI 30-5 #61-V-EXFL-01/85916/17:41

Lab Sample ID:
L31287-10

Analytical Results

BTX/TPH-E

Units = mg/kg(ppm)

463 West 3600 South
Salt Lake City, Utah
84115

Compound:

Reporting Limit:

Amount Detected:

Benzene

0.10

< 0.10

Toluene

0.10

< 0.10

Ethylbenzene

0.10

< 0.10

Total Xylene

0.10

< 0.10

Total Petroleum Hydrocarbons

2.0

< 2.0

% Moisture

8.0%

* All compounds are reported on a dry weight basis.

Released By:

Laboratory Supervisor

Report Date: November 03, 1997

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ORGANIC ANALYSIS REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Services
Date Sampled: November 20, 1997
Date Received: November 24, 1997

Contact: Mark Harvey
Date Extracted: November 24, 1997
Date Analyzed: November 25, 1997

Analysis Requested:
Total Petroleum Hydrocarbons

Method Ref. Number:
SW-346 #8015 modified
(Extraction - GC/FID)

Field Sample ID:
SJ 30-5 #61-V-LF-01 @ 16:09/85916 34 PPM
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31589-10

Analytical Results

TPH-E

Units = mg/kg(ppm)

Compound:

Reporting
Limit:

Amount
Detected:

Total Petroleum Hydrocarbons

2.0

< 2.0

463 West 3600 South
Salt Lake City, Utah
84115


(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687

% Moisture

9.0%

* All compounds are reported on a dry weight basis.

Released By:


Laboratory Supervisor

LAWOFFARM

Report Date: November 26, 1997

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